

Fun 'N Sun Brighten Biology Field Trip

By JIM CALABRESE
& JOANNE CUSUMANO

"Any student who can afford to go to Florida during spring break would do better to save his money for Mississippi," comments Dr. Andrew Mehall, referring to his Mississippi field trip (biology 65), scheduled for Apr. 30 to May 24.

"The trip offers the same amount of sun and relaxation as Florida, but participants also learn something and receive three college credit hours of biology," he explains. Students study at the Gulf Coast Research Laboratory in Ocean Springs, Miss., and at a small port in Port Saint Joe, Fla.

The trip essentially entails the capture and subsequent laboratory identification of as many marine and marine-related organisms as possible. A range of different environments are observed, including the offshore waters and bayous of Mississippi, and the quiet bays and roaring oceanfronts of Florida's panhandle. The trip is culminated with a group paper correlating organismal types to the environmental conditions in which they are found.

Though most work is done during the day, night collection is also attempted. "A whole different range of organisms can be found at night than during the day," explains Dr. Mehall. Animals are captured in a variety of ways, including use of mud sieves, hand nets, and large nets stretched between two poles and pulled through the water by teams of students.

"Students are out on the water every day except weekends and days we spend travelling," says Dr. Mehall. "Work is done for approximately six hours each day and the remainder is free time." Leisure hours lend themselves well to sunbathing, swimming at nearby public beaches, and unwinding at local night spots. For one weekend, students are on their own in New Orleans.

For one or two days, participants collect organisms aboard the *Hermes*, a small vessel equipped with mechanical nets for deep-water gathering. Many colorful and interesting organisms are found in this way, including a great quantity of shrimp, which are placed on ice and saved for the night's dinner. "We do our gathering right before shrimping season opens," explains Dr. Mehall, "when shrimp are large and plentiful. Since we are an educational group, we are allowed to keep all we bring in."

Dr. Mehall stresses that participants need not be biology majors. "Non-majors commonly think the work will be so complicated, difficult, and biology-oriented that they will feel lost or stupid or both," he comments. "Such is not the case. We've

had geology majors, business majors, and an art major from another school and they have done very well."

For those interested who feel they may be a bit squeamish, Dr. Mehall assures that, "even some biology ma-

jors are afraid at first but people help each other overcome squeamishness. Students literally push one another into doing things as all become a part of the group."

Students are schooled in handling the few organisms that really can harm them; i.e. organisms such as rays, certain fish, and crustaceans (crabs, shrimp, etc.). "I warn them at first," says Dr. Mehall, "and they learn a lot from observing the way I handle the animals."

The price of the trip is divided into two portions: 1. A fixed fee for tuition and room / board while on campus before and after the trip and 2. Class expense and transportation money for the time spent in the south.

The second amount varies for differing numbers of students in attendance; the greater the amount of students, the less each has to pay. This money must be paid before departure. College tuition money is not needed up front but can be put on a student's bill the same as for fall and winter sessions. Additional money is needed for souvenirs and the New Orleans weekend.

"The course may be repeated as often as desired," informs Dr. Mehall, "since every year water conditions, and thus organisms found, are different." He stresses that next year costs will rise at least \$50 since all expenses at the Gulf Coast Lab are rising.

Those interested are encouraged to contact Dr. Mehall for additional information. It is helpful to make a decision on attendance by pre-registration for spring term, though deadlines are flexible.



Students on Saint Joseph's annual marine biology field trip to the Gulf Coast use a sieve to scan shallow waters off Ocean Springs, Miss. This year's course is scheduled Apr. 30 to May 24, and students interested in this unique learning experience should contact Dr. Andrew Mehall for details.

STUFF

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Students See Atomic, Antibody Research

By NICK GRANATO

Learning is traditionally accomplished in the classroom, but Saint Joseph's students in the modern physics and immunology (biology) classes saw recently how you can't beat taking the classroom into the "real world."

The physics students visited the Fermi National Accelerator Laboratory in Batavia, Ill., and the biology class attended a symposium on monoclonal antibodies at the Ramada Inn in Indianapolis.

By going to these places, the students gained a better understanding of what they are doing in the lab and the classes took a look at some of the recent research that has been underway, according to Dr. David Chesak, associate professor of mathematics and physics, and Father William Stang, assistant professor of biology.

Fermilab is the site of the world's largest particle accelerator, or atom smasher. The purpose of Fermilab, built in 1969 at a cost of \$250 million to the government, is to explain the basic structure of matter.

Fermilab was dedicated in honor of Enrico Fermi, a nuclear physicist who led development of the world's first nuclear reactor at the University of Chicago. The Fermilab accelerator is composed of many components which provide a path for a rapid beam of protons (the smallest unit of positive electricity) that are the instrument of the laboratory's research.

The accelerator is set 30 feet underground and is enclosed by a circular tunnel four miles around. Experiments at Fermilab are conducted by many scientists from all over the world who specialize in particular aspects of sub-atomic study. Fermilab is also involved in medical re-

search, including the use of neutron therapy against cancer.

The biology class received a firsthand look at the use of monoclonal antibodies and their potential in the war on cancer. A monoclonal antibody is a molecule that sticks to only one kind of object. These antibodies help to determine pregnancy and have been used in potentially promising research in the detection and treatment of cancer.

Monoclonal antibodies help to detect cancer in its early stages by being used in a blood test. Blood is placed in a test tube and cancer antibodies are added. If these cancer cells bind to the antibodies, cancer is present.

Father Stang reports, "Many of the immunology students will be going into medical and laboratory professions, and technological advances like those we saw are not just theory, but are actually happening."

SJC Announces 1983-84 Costs

By JERRY UNDERHILL

Saint Joe's will increase its tuition, room and board rates by \$540 to a total of \$6,770 for the 1983-84 academic year, according to Father Charles Banet, college president.

Recommended by James Thatcher, vice-president for business affairs, the 8.7 percent increase was approved by the college Board of Trustees' Executive Committee at its February meeting. Of the \$540 increase, tuition and fees will rise by \$390 with room and board fees climbing \$150.

Though the increase is definitely a good sum of money to most students, college officials are attempting to keep the rise under control. "Every attempt has been made to hold any increase to the least possible amount," Thatcher explains, "since we are fully cognizant of the financial burden be-

ing shouldered by our students and their families."

According to Thatcher, the average cost increase for state private higher education for 1983-84 will total \$539 compared with the \$540 for Saint Joseph's. The total costs for attendance at any of the 23 other state private institutions surveyed for 1983-84 will range from a low of \$5525 to a high of \$9500, he adds.

The increase is in response to the growing costs of food, housing, and education throughout the U.S. Says Thatcher, "Saint Joseph's total costs place the school in the mid-range among other private institutions in Indiana. In developing these increases, we were tempered by anticipated inflation, known cost increases, and above all, the impact on our students."



Saint Joseph's Bike Club sponsored this stationary bicycle in a booth during the annual mardi gras weekend Feb. 25-26 in Halleck Center. Here Bike Club president Raymond Christy shows club members Michael Bruce (left) and Rom Senakant (second from left) his bicycling form. (Photo by John Baum)

Voice Your Choice

Chicago's governmental race may be over but ours is just about to begin! That's right, S.A. elections, scheduled Mar. 15, are your chance to put your pencil where your mouth is.

Year after year, a number of students grumble about the elected S.A. officers and yet not all the students vote. Some may feel that their vote will not matter or that the election might possibly be fixed or distorted. Unlike the elections in some big cities, however, the race is a fair one and each person's vote does carry weight.

Voting is a special privilege and it is only through each individual's exercise of that privilege that a democratic system can work effectively. We often take our voting privilege for granted — even to the point of neglecting to vote at all — and yet most of us never neglect the opportunity to complain of injustice or ineffectiveness.

How should one go about choosing an S.A. officer? Perhaps the process should involve the following considerations: 1) A non-biased summation of the candidate's character and potential, 2) An estimation of the candidate's ability to work with people and communicate his / her ideas, 3) The candidate's ability to listen and reason logically, 4) The candidate's past performance at job consistency, 5) The candidate's ability to keep confidential information under his / her hat, 6) The candidate's attitude toward democracy, principle, and truth, and 7) The candidate's platform of plans and goals for the coming term.

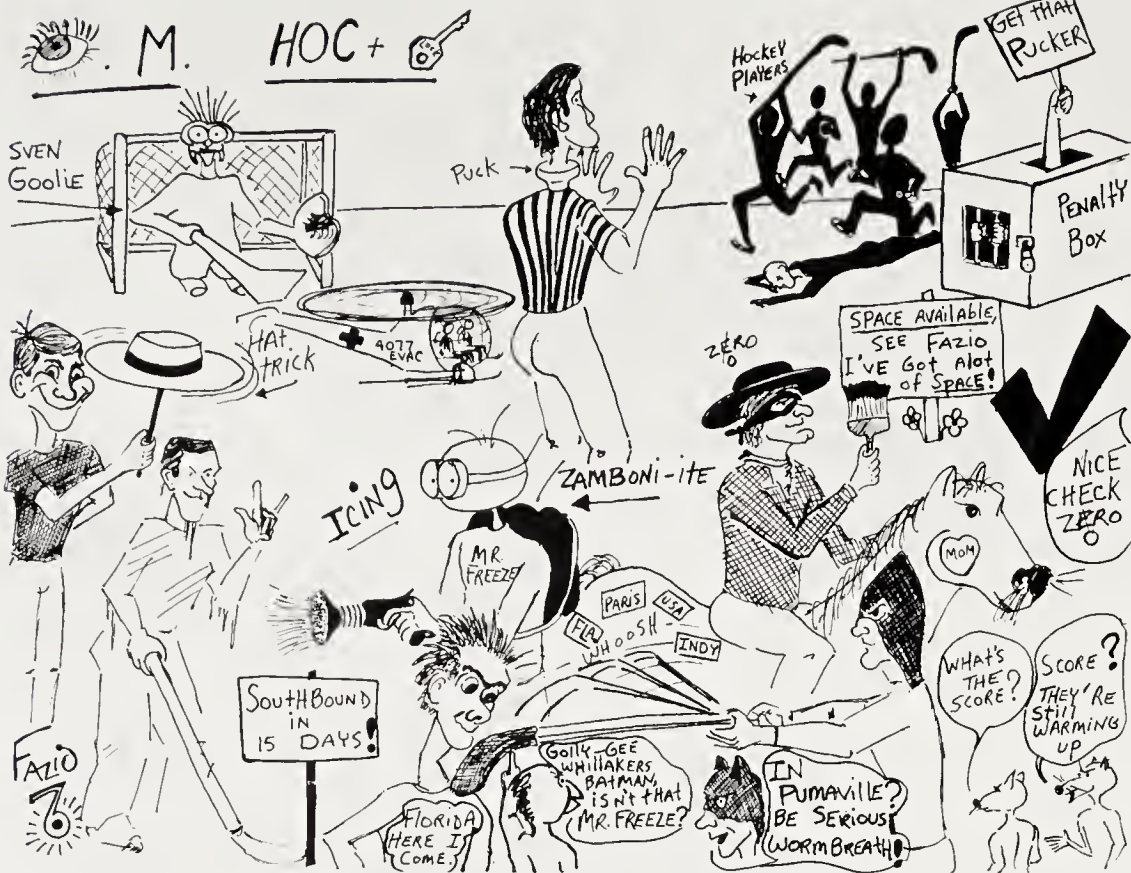
Some may feel they would rather not vote for fear of selecting the wrong individual. Wrong or right, the thing to do is to vote. If you don't vote, we all lose. Use your pen Mar. 15.

collegiate camouflage

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Can you find the hidden legal terms?

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| ABATE | FRANCHISE |
| ACT OF GOD | LIEN |
| AGENCY | MARTIAL LAW |
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| CONSIDERATION | PROBATE |
| DAMAGES | PROOF |
| DEED | PROXY |
| DURESS | REMEDY |
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| ESCROW | SUMMONS |
| ESTOPPEL | TORT |
| FELON | TRUST |



Nuclear Control A Must: Mehall

"Man's greatest gift to the future would be devising a control system on nuclear weapons which would remove this terrible threat of annihilation from mankind," Saint Joseph's College students were told here recently during a lecture by Dr. Andrew Mehall, chairman of the department of biology.

"If we could put into the design of control systems the same kind of effort we put into designing more powerful and efficient nuclear bombs, all of us might have a future," he stressed.

Dr. Mehall's lecture, titled "Nuclear Weapons Are Not Just Another Weapon!" was delivered to Core general education students who were studying *The Fate of the Earth*, written by Jonathon Schell.

"The fact that the military and various governments have great numbers of weapons and are planning to build bigger and better weapons does not and should not allow or cause us to fall into the trap of thinking that nuclear weapons are just bigger conventional weapons," he emphasized. "The conventionality of nuclear weapons does not and has not changed their monstrous destructive power. Remember always that nuclear weapons are the most destructive force man has ever invented."

Dr. Mehall explained to the

students, many of whom had no experience with atomic literature or material describing nuclear weapons, the technical jargon and immediate effects of nuclear weaponry.

"One outstanding difference between conventional and nuclear weapons not immediately obvious to you is the relative scale of power and destructiveness," he noted. "In this book, Schell tries to demonstrate this scale difference by describing the scenario of a bomb dropped on a city the reader might know. This doesn't work too well, however, because of the great number of variables — bomb size, number of bombs,

height above ground zero, distance of victims from ground zero, and so forth."

In his lecture, Dr. Mehall concentrated on one bomb size at one distance and used Chicago or Indianapolis as a target example. By simplifying the scenario like this, he allowed students to grasp the great disparity between the power of conventional and atomic weapons.

Turning his attention to the tension between world powers and the history of how the cold war started and escalated, Dr. Mehall cited the several options available to these nations.

(Continued on page four)

Letter To The Editor

Dear Editor,

Regarding your article entitled "New Ideas Needed" in *Stuff's* Feb. 24 issue, I suggest utilizing new camping facilities at Lake Banet. First, money should be appropriated for the purchase of three or four nine-man tents and for cooking utensils for each dorm. When the dorm has the equipment (and sleeping bags), their R.A.'s should schedule dorm weekends at the lake.

Another possibility would be for one girls' dorm and one guys' dorm to camp together once a month for a weekend or longer. Volleyball games, swimming, fishing, and camp-

fire gatherings would bring the guys and gals together. Meals could be taken care of by each tent cooking their own meals on most days and all tents cooking one big meal on the last day.

Talking and storytelling would be stressed around the campfire. Good camping fundamentals would be instructed by the R.A.'s before each outing. Meals could also be judged by R.A.'s for a bit of competitive spirit. Though I seem to stress that R.A.'s would be in charge, perhaps a special "camping committee" could be established to handle the responsibilities of the camping events.

The silent senior,
Thomas O. Daniels

STUFF

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This talent show was one of the many activities featured during "humor week" Feb. 22 - 27. Here (from left) Don Gandy, Vince Massey, Kevin Fleck and Jack Davis offer a stirring rendition of Elvis Presley's "Teddy Bear" before a ballroom audience. (Photo by John Baum)



As spring approaches, can baseball be far behind? Certainly not on the Pumas' athletic scene, where Dan Donovan practices his hitting. The catcher is Scott Jones while Dennis Noonan (left) watches and Dean Severs (right) waits his turn at bat. (Photo by John Baum)

Spring Teams Got Rhythm

By JOE GIANNINI
& BILL MILLER

The weather's a changin' on the Collegeville scene
So it's time for those shorts and those girls lookin' lean.
Drop all your Core and come on outdoors
And get out to the courts and the day will be yours.
Then out come the men with their tennis rackets
But before they can start they take off their jackets.
The team is returning four guys from last year
Who could put things together and get it in gear.
On Macalka, on Lopez, on Pavnica and Horvath
Who will ace other teams and show them their wrath.
The season depends on the above four guys
On freshmen and newcomers is where it all lies.
The track season too, starts right around now
Let's start with the women and bodies, like wow!
Coach Smith is optimistic and screams,
"We've got solid talent and depth on this team."
Harrison, Koopman and Rodden all run
These are the girls who get the job done.
Then there's Spezia, Martin and Graves, who are all rookies
But they too can get the job done — you can bet your cookies.



They're all strong contenders for Little State
To reach the top, that's their fate.
The 19th of March is their first meet
So y'all hit the road, but don't hurt your feet.
Now the men have something to prove this year
With the best group of freshmen they should not fear.
We're short on depth but high on hopes
The veterans will show the rookies the ropes.
With Norris and Fuller and Blackwell to lead
The team should fare well with some good speed.
New to the team comes Stearns, Habrych and Clites
Adding more depth and reaching new heights.
We're now fourteen strong, but twenty's our goal
So if you can run, come on out, if you can't, go bowl.
Now you should know about our spring teams
So come on out and support them with yells and screams.
Boy, we are glad we're done with this rhyme
We bet you are too, but we had a good time!

Baseball Promises Bright Outlook

By JOE GIANNINI

Bases loaded . . . two out . . . bottom of the ninth. Pumas on the short end of a three-to-nothing score. Three-and-two pitch awaiting. Here it is. Watch it (Jack Brickhouse). (wackkkkk). There it goes, back, back, back — it'ssssss . . .

Yes, you're right in time for another season of Puma baseball. This season could be a "wild and woolly" one with a team dominated by freshmen. In fact, 65 percent of the club is freshmen. With the team characterized by youth and talent, almost anything can happen.

One thing however, definitely must occur if the team wishes to improve from last year's 2-17 mark: they must get better pitching, at least better than last year's club E.R.A. of 9.07. Lettermen Mark Balog and Scott DeHart hope to sew up that sore spot along with newcomers Larry Atwell, Brad Connor, Ted Siegle and Mike Miller. Bullpen help comes from Kevin Igo and letterman Mike Musser.

Let's take a look at possible Puma starters.

Hot shot to third, Doug Deck makes a nice pickup and throws the runner out. Deck, one of the few upperclassmen on the squad, is known for his good defense and power-hitting abilities.

There's a sharp grounder; it's in the hole at deep short, but freshman Brian Deno cuts it off and makes a strong throw to get 'em. Deno, coming off a strong fall season, is a top candidate for the starting short-stop position. His smooth fielding, strong arm and good range are all assets for the young fielder.

Slow roller to second, Jeff Zahrn charging . . . throws off balance and nabs him for the putout. Zahrn, who played last spring at short, has moved over to second this season. The slick-fielding Zahrn can also handle the bat extremely well.

High hopper to first. Dale Ebeling leaps and snares it in his glove; easy putout. Ebel-

ing, an outstanding freshman, has a tremendous bat as he proved that last fall with a batting average of .600 plus.

There goes the runner. Scott Jones up and throwing. He's gone! Last year's MVP is back for another season behind the plate and hopefully hitting as well as he did last year (.333).

There's a long fly ball. Looks like it's in the gap for extra bases. Eric Biddings dives and . . . makes a remarkable catch. Biddings, also a freshman, has outstanding speed with good range. Opposing catchers may have nightmares if he gets on the basepaths.

Easy fly ball to center. Should be a "can of corn." Wait a minute, the wind is playing tricks with it. John Goebel stays with it and makes a difficult catch look easy. Goebel, a seasoned veteran, is

a consistent fielder with improving talents as a hitter.

The rightfield spot is a position that many players are battling for. Heading the list are Jay McClain and Mike Mustafa.

This year's team is definitely improved, especially in the areas of pitching and team speed. However, that still may not save the Pumas as a death-defying schedule awaits them. In their slate of competition are included double-headers against Division I powers Notre Dame, Indiana, Indiana State, Purdue and Valparaiso. If the Pumas' pitching holds up, it's anybody's ballgame this year.

An especially stiff test comes during spring recess when the team plays seven double-headers in eight days, starting with Rose-Hulman and ending with Butler.

Basketball Clubs Conclude Long Seasons

By BILL MILLER

As Don Meredith (the ex-Dallas quarterback turned commentator) sings, "Turn out the lights, the party's over . . ." Well, in this case the lights might have been out a lot earlier in the season. The men's basketball team ended its season well under the .500 mark, but not without leaving behind a few Puma tracks.

Here are some of the little-known facts, or better titled, the trials and tribulations of Saint Joe basketball:

- The Pumas beat second-ranked Kentucky Wesleyan, 78-71, earlier in the season.
- Scott Spencer was the first Great Lakes Valley Conference Player-of-the-Week.
- Saint Joe reached one 100-point game, beating St. Francis 103-64 in Alumni Fieldhouse.
- Spencer left the team midway through the season for personal reasons.
- Rickey Bureau left a few games later for no apparent reason.
- Melvin Wood was named GLVC Player-of-the-Week during the week of Jan. 31.

- Wood finished at the top of the conference in scoring with an average of 25.4 points per game. He finished the season with 1052 career points and 305 points in 12 league games to set a new GLVC record.

The Pumas have had a season of ups and downs, mostly downs; they dropped two con-

ference games during the week of Feb. 21. The first loss was against Indiana Central in Indianapolis, 89-78. Wood led all shooters with 24 points, followed by freshman forward Mark Wingard, who dropped in 22. Bellarmine notched a 20-point victory, 92-72, in Kentucky against Saint Joe Feb. 26. Wood scored 26 to

lead the Pumas, but the team shot just 34 percent from the field.

Wright State ran up a 130-92 win over the Pumas Mar. 2 in Dayton, Ohio, where the hosts overcame Wood's 30-point performance to finish their regular season with a 23-4 record. The Pumas concluded their season with a 9-19 overall mark and 5-7 conference showing last Saturday in a stirring 76-72 upset here against Lewis. Wood poured in 33 points and grabbed nine rebounds, while Wingard tacked on 17 points.

Last weekend the women participated in the Great Lakes Valley Conference tournament. They finished their season 6-19 with losses to Valparaiso (69-59), Wayne State (72-64) and Indiana Central (90-64). The highlight of the women's season came when they broke their ten-game losing streak Feb. 2 in a stirring 71-70 win over Huntington.

Both the men's and women's basketball teams must now ascribe to the saying, "They'll just have to wait til . . ." Oh well, you know the name of that tune.



At left Melvin Wood tallies two of his 33 points under the scrutiny of Lewis' Larry Tucker (52) and the Pumas' Mark Wingard (30) during SJC's 76-72 upset of the Flyers last Saturday. At right, Penny Salm (25) launches a short jump shot during the Pumas' Feb. 28 loss to Wayne State.

(Photos by Ruthann Goller, Paul Dennis)



He's Older But Wiser

Saint Joseph's College has plenty of business majors, but only one who happens to be 39 years old, who works eight hours a day as production supervisor at the Union Carbide plant in Kentland, Ind., and who also tackles a full class load of 15 hours.

This ambitious full-time employee and full-time student is Kenneth Wise of Morocco, Ind., who is now a second-semester junior at Saint Joseph's, just a little over a year away from receipt of his bachelor's degree.

"One thing puzzles me about Kenny," smiles Jeff Turner, assistant manager of employee relations at Union Carbide. "When does he find time to sleep?"

That's a mighty logical question, considering that Wise works the 8 p.m.-to-6:30 a.m. shift at Union Carbide, then heads for his classes at Saint Joseph's.

"Actually, I have a block of about four hours in the afternoon when I get to sleep," Wise says. This is a man with a busy schedule, but he makes no big production out of what it takes to pursue a degree while working full-time.

student spotlight

"The reason I decided to go after a degree was that I wanted to be better equipped to compete in the professional world," he explains. "I felt quite competitive in my early 20's, but as the years went by, I began to notice this absence of a degree more and more.

"Aside from this professional reason, I wanted to get this degree for myself; I wanted to see if I could return to the classroom and compete academically with kids fresh out of high school," Wise adds. "Getting a degree was something I could do for myself, whether it meant a better job, more money or possibly neither of these."

He entered Saint Joseph's as a freshman in the fall of 1980 and has carried a full class load in each of his six semesters, including the current one.

"I don't regret this experience a bit; these have been the most enjoyable three years I've ever spent," Wise says.

"Moreover, after getting a bachelor's degree, I'd like to go on to graduate school, and when I'm eventually done working in the professional world, I wouldn't mind coming back to Saint Joseph's as a teacher."

Age has been no hindrance whatsoever to Wise, who says he has made good friends with many students young enough to be his children. He adds that he felt comfortable in his readjustment to the academic process within a couple of weeks of his enrollment here.

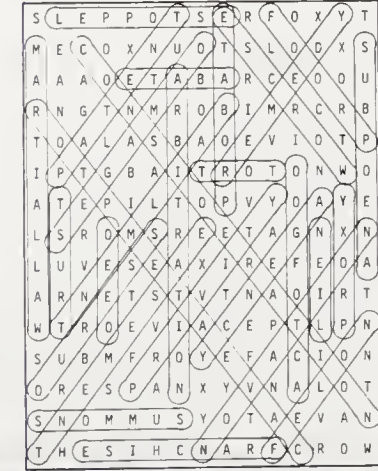
"Those first few weeks were the hardest," he admits, "because I had become somewhat independent in my years away from the classroom, and I had to get used to having the teachers tell me what to do."

Few people probably understand the notion that learning never stops any better than Wise, who believes that as some people grow older, they forget the importance of continuing to learn.

"Everyone should experience at least a bit of higher education as they grow older in order to keep their mind active, inquisitive and growing," he remarks. "Above all, I've come to see here at Saint Joseph's that young people have so much to offer; young people can teach older people a great deal, the same as older people can also teach younger people."

Wise obviously invests a large chunk of his time away from Union Carbide in his education. His philosophy on it is simple but effective: "If I wasn't going to school, I'd be doing something else with this time, and schooling is to me a good investment."

A native of Massillon, Ohio, Wise is married to the former Sandy Gerrich of Goodland, Ind. He began work at the Union Carbide plant on the day it opened: Apr. 5, 1976.



Golf is one of the most popular outdoor leisuretime activities for many Pumas these days as unseasonably-warm late-winter weather has brought students outside for activities like softball and tennis. Dave McMullen (left) sharpens his short iron game under the watchful eye of Mark Richart on the lawn in front of Bennett Hall. (Photo by John Baum)

Rivals To Collide In IM Playoffs

By JEFF TOBIN

Intramural special events people have been busy lately. Sixteen people participated in the singles badminton tournament Feb. 26. Rom Senakant, a sophomore from Merlini, dominated play by winning six matches to play Bill Miller (jr., Merlini) in the finals. Rom breezed through the finals, winning the singles competition.

The doubles competition was a lot more competitive. Senakant again got to the finals, along with partner Rob Greer. But lightning did not strike twice as Tim O'Neill (sr., Bennett) and partner Chuck Gozder (jr., Bennett) won the championship.

The next special event will be a swim meet held at Rensselaer Central High School pool this Saturday. Each dorm will have one team competing in nine events: if interested, contact Bob Garrity, Bennett.

Speaking of water sports, let's turn to IM water polo. The playoffs begin next Wednesday and all nine teams are still in the hunt for a playoff bid. The Hammerheads were tied recently, but are still undefeated with a 5-0-1 record. Jeff Clevenger is still leading the loop in goals with 13.

Turning to IM hockey, games are getting closer and more competitive as the playoffs approach. In the women's league, the Halas Fools finished their regular season with a 6-1-1 record, good enough to clinch first place, and an automatic bid into the finals. The last two playoff spots are still up for grabs, with Justin 1st West on Tap (3-2-1) and the Justin Puck Ups (2-2-2) currently holding second and third. The Justin Slap Shots (1-3-2) are still within reach of third place.

The Noll Stoned Ponies (7-0-1) have clinched first place in the Men's Blue Division. ESF Rat Poison (3-3-0) and the Merlini High Times (2-5-0) are battling for the last playoff spot. The Gallagher Warriors (7-1-0) have taken over the lead in the Red Division. The Bennett MD's (5-2-1) have lost their last two and have dropped into second. The ESF Rat

Pack (5-3-0) are just one point out of second and are red hot.

Tom Egan of the Ponies has a big lead in the scoring race, with nine goals and 11 assists, good for 20 points. Teammate Tony Geib is in second (7-10-17), with Rocco Campanile of the Ponies (10-5-15), Greg Bocwinski of the Warriors (10-5-15) and Pat Nowak of the MD's (8-7-15) all tied for third. Lee Ann Bosak of the Fools continues to lead the women (5-3-8), with Karen Watt of the Fools (4-3-7), Ellen O'Rourke of the Fools (5-2-7), Doris LaCasse of the Fools (5-2-7) and Sandy Lee of the Slap Shots (3-4-7) all bunched up behind Bosak.

In IM bowling, the regular

Nuclear Control . . .

(Continued from page two) "Options range from the most simple — everybody stop making bombs and destroy the ones now on hand, to the most technically complex — count the number of bombs and adjust for delivery systems and their accuracy plus vulnerability, then work out a complex equation for balance," he explained. "The simplest option is naive and the complex one is ultimately impossible."

When students asked about

S.A. Candidates

Candidates for the 1983-84 Student Association offices as of Monday were:

- President: Rob Bridges, Mary Burke, Nicholas Hofmeister, Alice Zerr
 - Social Vice-President: Pat Brennan, Tony Clark
 - Treasurer: Mike Freshour, Gail Nelson
 - Secretary: No candidates at this point
- Elections will be held next Tuesday, and runoffs, if necessary, will be conducted the following day.

season has ended for the Tuesday and Wednesday leagues. Four teams that have guaranteed themselves playoff spots are the Tornadoes, the Knight Riders, the Clydesdales, and the Gutter Rats. The top three teams in the Thursday League are the 2nd Westers (25-15), the Bowling Stones (24-16) and the Bad Mama Jamas (24-16). An open-individual tournament will begin Monday. All bowlers are invited.

Look for an IM playoff review in the next issue, as basketball, hockey, water polo and bowling are all entering that time of the year. A special commentary on IM refereeing also will be included in the next issue.

civil defense and limited nuclear war, Dr. Mehall responded that, "Civil defense depends on sufficient warning time and a strong government effort to keep all citizens on an 'alert status'."

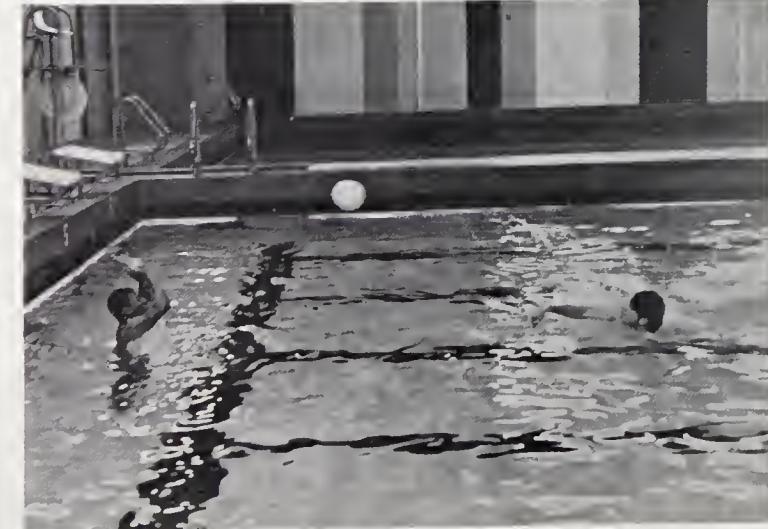
There is no easy answer to the problem of nuclear proliferation, and Dr. Mehall concluded that, "talks must go on until hopefully some kind of agreement is reached."

Leader of Men

How did he become a leader of men?
By birth or wealth,
degree or decree,
oracular tone
or persuasive speech,
by thunder of voice
or force of arms,
or by ayes of men
moved as rooks and
pawns?
Or did he forsake
all power on earth
and shed himself
of all he held dear
to be led within
the silent land
through labyrinth mind
and night of soul
to come forth whole,
a leader of men?

Edward A. Gloeggler

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Intramural water polo at Rensselaer Central High School is nearing its peak. Here Paul Freitag (right) fires a shot as goalie Rob Greer defends in warm-ups before a recent match. (Photo by John Baum)